

Delaval, Jan

98431

From: Roark, Jessica  
Sent: Wednesday, July 09, 2003 3:40 PM  
To: Delaval, Jan  
Subject: 09/952385 (child of 09/522752)

Jan,

*pending*  
Please update the pending, issued and PGPub files for the following from 09/952385:

SEQ ID NO:2.

*child of 09/522752*

Results on paper please.

Thanks!

*Jessica H. Roark*

CM1 8A03  
Mailbox 9E12  
Art Unit 1644  
703 605-1209



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## OM protein - protein search, using sw model

Run on: July 9, 2003, 15:56:14 ; Search time 53 Seconds  
(Without alignments)

784.186 Million cell updates/sec  
US-09-952-385-2

Perfect score: 1854

Sequence: 1 MADYYGSESTSSMEDYVNFN.....EGSLKLUSSMLLETTSGALSL 357

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 445758 seqs, 116419773 residues

number of hits satisfying chosen parameters: 445758

Minimum DB seq length: 0

Maximum DB seq length: 200000000 4

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published\_Applications\_AA:\*

1: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB\_PEP:\*

2: /cgn2\_6/ptodata/1/pubpaa/FCT1\_NEW\_PUB\_PEP:\*

3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB\_PEP:\*

4: /cgn2\_6/ptodata/1/pubpaa/US05\_PUBCOMB\_PEP:\*

5: /cgn2\_6/ptodata/1/pubpaa/FCT5\_PUBCOMB\_PEP:\*

6: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB\_PEP:\*

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12: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB\_PEP:\*

13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB\_PEP:\*

14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB\_PEP:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1854	100.0	357	9	US-09-966-755-2
2	1854	100.0	357	9	US-10-251-385-24
3	1854	100.0	357	9	US-10-225-567A-241
4	1854	100.0	357	10	US-09-903-377-2
5	1854	100.0	357	10	US-09-952-385-2
6	1854	100.0	357	12	US-10-000-755A-2
7	1848	99.7	357	9	US-10-251-385-176
8	780.5	42.1	378	9	US-10-251-385-74
9	780.5	42.1	378	9	US-10-225-567A-68
10	776.5	41.9	378	9	US-10-225-385-204
11	652	35.2	350	9	US-09-968-433-79
12	637	34.4	349	10	US-09-765-994-4
13	637	34.4	350	9	US-09-968-433-15
14	637	34.4	350	9	US-10-282-837-8
15	637	34.4	350	9	US-10-225-567A-607
16	637	34.4	350	9	US-10-288-222A-10
17	637	34.4	350	10	US-09-765-994-2
18	637	34.4	350	10	US-09-796-338A-8
19	635.5	34.3	374	9	US-10-225-567A-390

## ALIGNMENTS

Query Match	Score	Length	DB ID	Description
100.0%	100.0%	357	9	US-09-966-755-2
Best Local Similarity	100.0%	Length	357	Score: 1854; DB: 9; DB ID: US-09-966-755-2
Matches	357	DB	1	Conservative
Sequence	241	DB	1	Appli
Sequence	241	DB	1	Appli
Sequence	2	DB	1	Appli
Sequence	2	DB	1	Appli
Sequence	176	DB	1	Appli
Sequence	74	DB	1	Appli
Sequence	68	DB	1	Appli
Sequence	204	DB	1	Appli
Sequence	79	DB	1	Appli
Sequence	4	DB	1	Appli
Sequence	16	DB	1	Appli
Sequence	8	DB	1	Appli
Sequence	607	DB	121	Appli
Sequence	10	DB	180	Appli
Sequence	2	DB	61	Appli
Sequence	8	DB	120	Appli
Sequence	390	DB	181	Appli

Query Match: 100.0%; Score: 1854; DB: 9; Length: 357;  
Best Local Similarity: 100.0%; Pred. No. 1.1e-159; Mismatches: 0; Indels: 0; Gaps: 0;

QY 1 MADYYGSESTSSMEDYVNFN.....EGSLKLUSSMLLETTSGALSL 357

Db 1 MADYYGSESTSSMEDYVNFN.....EGSLKLUSSMLLETTSGALSL 357

QY 61 YWCYTRVKMTDMFLNLNLAIDFLFLVTPFWAIAAQWKFOTPMCKVNSKMYNS 120

Db 61 YWCYTRVKMTDMFLNLNLAIDFLFLVTPFWAIAAQWKFOTPMCKVNSKMYNS 120

QY 121 CVALIMCISVDRYTAIAQWKFOTPMCKVNSKMYNS 180

Db 121 CVALIMCISVDRYTAIAQWKFOTPMCKVNSKMYNS 180

QY 181 SGIACTWTPSDESTKKSAAVTLKVLIGFLFPVVMACVYIIHMTIQQKSSKKA 240

Db 181 SGIACTWTPSDESTKKSAAVTLKVLIGFLFPVVMACVYIIHMTIQQKSSKKA 240

FILE REFERENCE: 1920-4-4  
 CURRENT APPLICATION NUMBER: US/10/225, 567A  
 CURRENT FILING DATE: 2001-12-19  
 PRIOR APPLICATION NUMBER: 60/1257, 144  
 PRIOR FILING DATE: 2000-12-19  
 NUMBER OF SEQ ID NOS: 2292  
 NUMBER OF SEQ ID NOS: 2292  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO: 241  
 LENGTH: 357  
 TYPE: PRT  
 -ORGANISM: Homo sapiens  
 US-10-225-567A-241  
 ; Sequence 24, Application US/10251385  
 ; Publication No. US20030105292A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Behan, Dominic P.  
 ; APPLICANT: Chalmele, Derek T.  
 ; APPLICANT: Liaw, Chen W.  
 ; TITLE OF INVENTION: Protein-Coupled  
 ; RELE OF INVENTION: Receptors  
 ; E REFERENCE: AREN-040  
 ; CURRENT APPLICATION NUMBER: US/10/251, 385  
 ; CURRENT FILING DATE: 2003-09-20  
 ; PRIOR APPLICATION NUMBER: US/09/170, 496  
 ; PRIOR FILING DATE: 1998-10-13  
 ; NUMBER OF SEQ ID NOS: 294  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO: 24  
 ; LENGTH: 357  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-251-385-24  
 Query Match 100.0%; Score 1854; DB 9; Length 357;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-159;  
 Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MADDYGSESTSSEDYDNPNFTDFYCEKNNYQFQASHFLPPLWLVFVGALGNSLIV 60  
 Db 61 YWYCTRVKMTDMFLNLIAIDLFLFLTPWIAAADQWKFOTWCKVUNSMYKNFYS 120  
 Qy 61 YWYCTRVKMTDMFLNLIAIDLFLFLTPWIAAADQWKFOTWCKVUNSMYKNFYS 120  
 Db 121 CULLIMCISVDRYTAQAMRAHTWREKRLYQKNCVFTIWVLAACIPELQYIKEE 180  
 Qy 121 CULLIMCISVDRYTAQAMRAHTWREKRLYQKNCVFTIWVLAACIPELQYIKEE 180  
 Db 181 SGIAICTWVPSDESTKLKSAVTLKVILGFLPFLVWACCYTIIHTLIOAKKSXKA 240  
 Qy 181 SGIAICTWVPSDESTKLKSAVTLKVILGFLPFLVWACCYTIIHTLIOAKKSXKA 240  
 Db 301 NPVLVYFVGERFRRDVLTKLNGCISOAQWSFRREGSLKLSSMLLETTSGALSL 357  
 Qy 301 NPVLVYFVGERFRRDVLTKLNGCISOAQWSFRREGSLKLSSMLLETTSGALSL 357  
 Db 301 NPVLVYFVGERFRRDVLTKLNGCISOAQWSFRREGSLKLSSMLLETTSGALSL 357  
 RESULT 4  
 US-10-903-377-2  
 ; Sequence 2, Application US/09903377  
 ; Patent No. US20020116727A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Allen, Keith D.  
 ; TITLE OF INVENTION: TRANSGENIC MICE CONTAINING CHEMOKINE  
 ; TITLE OF INVENTION: RECEPTOR 9A GENE DISRUPTIONS  
 ; FILE REFERENCE: R-365  
 ; CURRENT APPLICATION NUMBER: US/09/903, 377  
 ; CURRENT FILING DATE: 2001-07-10  
 ; PRIOR APPLICATION NUMBER: US 60/217, 255  
 ; PRIOR FILING DATE: 2000-07-10  
 ; PRIOR APPLICATION NUMBER: US 60/221, 483  
 ; PRIOR FILING DATE: 2000-07-27  
 ; PRIOR APPLICATION NUMBER: US 60/262, 113  
 ; PRIOR FILING DATE: 2001-01-16  
 ; NUMBER OF SEQ ID NOS: 4  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 2  
 ; LENGTH: 357  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; OTHER INFORMATION: Targeting vector  
 US-09-903-377-2  
 Query Match 100.0%; Score 1854; DB 10; Length 357;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-159;  
 Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MADDYGSESTSSMEDYNNFTDFYCEKNVROFASHFLPLYWLVFVGALGNSLVLV 60  
 1 MADDYGSESTSSMEDYNNFTDFYCEKNVROFASHFLPLYWLVFVGALGNSLVLV 60  
 Db 301 NPYLYVFGERFRDLVTKLKGCSQAWSFTRREGSLKLSMLETSGALSL 357  
 QY 61 YWYCTRKVMTDMPLNLIAIDLPLVLPFWIAADQWKFQTMCKVNSYKMFYS 120  
 61 YWYCTRKVMTDMPLNLIAIDLPLVLPFWIAADQWKFQTMCKVNSYKMFYS 120  
 Db 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 QY 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 Db 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 Db 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 QY 241 LKTTITVLFVLSQFPNCILVQTLVOTDAYAMFISCAVSTNDICFOVTOIAFFSCL 300  
 241 LKTTITVLFVLSQFPNCILVQTLVOTDAYAMFISCAVSTNDICFOVTOIAFFSCL 300  
 Db 301 NPYLYVFGERFRDLVTKLKGCSQAWSFTRREGSLKLSMLETSGALSL 357  
 301 NPYLYVFGERFRDLVTKLKGCSQAWSFTRREGSLKLSMLETSGALSL 357  
 ;  
 RESULT 5  
 US-09-952-385-2  
 ; Sequence 2, Application US/09952385  
 ; Patent No. US20020119504A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Andrew, David P.  
 ; APPLICANT: Zabel, Brian A.  
 ; APPLICANT: Ponath, Paul D.  
 ; TITLE OF INVENTION: ANTI-GPR-9-6 ANTIBODIES AND METHODS OF  
 ; IDENTIFYING AGENTS WHICH MODULATE GPR-9-6 FUNCTION  
 ; FILE REFERENCE: IKS98-16  
 ; CURRENT APPLICATION NUMBER: US/09/952,385  
 ; CURRENT FILING DATE: 2001-09-13  
 ; PRIORITY NUMBER: 09/266,464  
 ; PRIORITY FILING DATE: 1998-03-11  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO 2  
 ; LENGTH: 357  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-952-385-2  
 ;  
 ; Local Similarity 100.0%; Score 1854; DB 10; Length 357;  
 ; Matches 357; Conservative 100.0%; Pred. No. 1.1e-159; Indels 0; Gaps 0;  
 ;  
 QY 1 MADDYGSESTSSMEDYNNFTDFYCEKNVROFASHFLPLYWLVFVGALGNSLVLV 60  
 Db 1 MADDYGSESTSSMEDYNNFTDFYCEKNVROFASHFLPLYWLVFVGALGNSLVLV 60  
 ;  
 QY 61 YWYCTRKVMTDMPLNLIAIDLPLVLPFWIAADQWKFQTMCKVNSYKMFYS 120  
 Db 61 YWYCTRKVMTDMPLNLIAIDLPLVLPFWIAADQWKFQTMCKVNSYKMFYS 120  
 ;  
 QY 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 Db 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 ;  
 QY 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 Db 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 ;  
 QY 241 LKTTITVLFVLSQFPNCILVQTLVOTDAYAMFISCAVSTNDICFOVTOIAFFSCL 300  
 Db 241 LKTTITVLFVLSQFPNCILVQTLVOTDAYAMFISCAVSTNDICFOVTOIAFFSCL 300  
 ;  
 Db 301 NPYLYVFGERFRDLVTKLKGCSQAWSFTRREGSLKLSMLETSGALSL 357  
 301 NPYLYVFGERFRDLVTKLKGCSQAWSFTRREGSLKLSMLETSGALSL 357  
 ;  
 RESULT 6  
 US-10-000-759A-2  
 ; Sequence 2, Application US/10000759A  
 ; Patent No. US20202041991A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Andrew, David P.  
 ; APPLICANT: Zabel, Brian A.  
 ; APPLICANT: Ponath, Paul D.  
 ; TITLE OF INVENTION: ANTI-GPR-9-6 ANTIBODIES AND METHODS OF  
 ; IDENTIFYING MODULATORS OF GPR-9-6 FUNCTION  
 ; FILE REFERENCE: 1855.164-003  
 ; CURRENT APPLICATION NUMBER: US/10/000, 759A  
 ; CURRENT FILING DATE: 2001-10-23  
 ; PRIORITY NUMBER: US/09/522,752  
 ; PRIORITY FILING DATE: 2000-05-10  
 ; PRIORITY APPLICATION NUMBER: US 09/266,464  
 ; PRIORITY FILING DATE: 1998-03-11  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 2  
 ; LENGTH: 357  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-000-759A-2  
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 ; Query Match 100.0%; Score 1854; DB 12; Length 357;  
 ; Best Local Similarity 100.0%; Pred. No. 1.1e-159;  
 ; Mismatches 0; Indels 0; Gaps 0;  
 ; Matches 357; Conservative 100.0%; Pred. No. 1.1e-159; Indels 0; Gaps 0;  
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 QY 1 MADDYGSESTSSMEDYNNFTDFYCEKNVROFASHFLPLYWLVFVGALGNSLVLV 60  
 Db 1 MADDYGSESTSSMEDYNNFTDFYCEKNVROFASHFLPLYWLVFVGALGNSLVLV 60  
 ;  
 QY 61 YWYCTRKVMTDMPLNLIAIDLPLVLPFWIAADQWKFQTMCKVNSYKMFYS 120  
 Db 61 YWYCTRKVMTDMPLNLIAIDLPLVLPFWIAADQWKFQTMCKVNSYKMFYS 120  
 ;  
 QY 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 Db 121 CULIMCISVDRYTAIAQMRHTWREKRLYSKMCFIWIWLAALCIPELYSQKEE 180  
 ;  
 QY 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 Db 181 SGIACTMVPSEDESTKLSAVTLKVILGFLPPVWACCTIINTLIQKSSKHA 240  
 ;  
 QY 241 LKTTITVLFVLSQFPNCILVQTLVOTDAYAMFISCAVSTNDICFOVTOIAFFSCL 300  
 Db 241 LKTTITVLFVLSQFPNCILVQTLVOTDAYAMFISCAVSTNDICFOVTOIAFFSCL 300  
 ;  
 Db 301 NPYLYVFGERFRDLVTKLKGCSQAWSFTRREGSLKLSMLETSGALSL 357  
 301 NPYLYVFGERFRDLVTKLKGCSQAWSFTRREGSLKLSMLETSGALSL 357  
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 RESULT 7  
 US-10-251-385-176  
 ; Sequence 176, Application US/10251385  
 ; Publication No. US20030105292A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Behan, Dominic P.  
 ; APPLICANT: Chalmers, Derek T.  
 ; APPLICANT: Liaw, Chen W.  
 ; TITLE OF INVENTION: No. US20030105292A1-Endogenously Constitutively Activated Human  
 ; TITLE OF INVENTION: Protein-Coupled  
 ; TITLE OF INVENTION: Receptors  
 ; FILE REFERENCE: ABEN-0040  
 ; CURRENT APPLICATION NUMBER: US/10/251, 385  
 ; CURRENT FILING DATE: 2002-09-20  
 ; PRIORITY APPLICATION NUMBER: US/09/170, 496



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OM protein - protein search, using sw model

Run on: July 9, 2003, 15:56:11 ; Search time 14 Seconds

(without alignments)  
750.285 Million cell updates/sec

Title: US-09-952-385-2

Perfect score: 1854

Sequence: 1 MADDYGSESTSSMEDYVNFN.....EGSLKLSSMLLETTSGALSL 357

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 secs, 29422922 residues

number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

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2: /cgnt\_6/prodata1/iaa/5B.COMB.pep:\*

3: /cgnt\_6/prodata1/iaa/6A.COMB.pep:\*

4: /cgnt\_6/prodata1/iaa/6B.COMB.pep:\*

5: /cgnt\_6/prodata1/iaa/PCTUS.COMB.pep:\*

6: /cgnt\_6/prodata1/iaa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1854	100.0	357	4	US-09-266-464-2
2	780.5	42.1	358	1	US-09-153-838-19
3	780.5	42.1	358	3	US-09-299-833A-19
4	780.5	42.1	358	4	US-09-088-338B-19
5	780.5	42.1	358	5	PCT-US93-1153-19
6	780.5	42.1	378	1	US-09-299-838-15
7	780.5	42.1	378	3	US-09-299-833A-15
8	780.5	42.1	378	4	US-09-291-545-1
9	780.5	42.1	378	4	US-09-088-317B-15
10	780.5	42.1	378	5	PCT-US93-1153-15
11	780.5	42.1	410	1	US-09-153-838-7
12	780.5	42.1	410	3	US-09-088-338B-7
13	780.5	42.1	410	4	US-09-088-338B-7
14	780.5	42.1	410	5	PCT-US93-1153-7
15	780.5	40.9	378	1	US-09-088-317B-2
16	758.5	40.9	378	1	US-09-088-317A-2
17	758.5	40.9	378	3	US-09-088-317B-2
18	758.5	40.9	378	4	US-09-088-317B-2
19	758.5	40.9	378	4	US-09-088-317B-2
20	758.5	40.9	378	5	PCT-US93-09336-2
21	757.5	40.9	378	3	US-09-099-833A-66
22	757.5	40.9	378	4	US-09-088-337B-66
23	742	40.0	359	1	US-09-153-838-24
24	742	40.0	359	3	US-09-099-833A-24
25	742	40.0	359	4	US-09-088-337B-24
26	742	40.0	359	5	PCT-US93-1153-24
27	742	38.9	361	2	US-09-092-214-2

### ALIGNMENTS

Query	Match	100.0%; Score 1854; DB 4; Length 357;
Best Local Similarity	100.0%; Prcd. No. 6.1e-162;	
Matches	357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
DB		
1	MADDYGSESTSSMEDYVNFNFTDFYCEKQVAFASHFLPFLPLVFLVFGALGNSLVLY 60	
2	1 MADDYGSESTSSMEDYVNFNFTDFYCEKQVAFASHFLPFLPLVFLVFGALGNSLVLY 60	
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US-08-153-848-19  
Sequence 19, Application US/08153848

Patent No. 5,575,980

GENERAL INFORMATION:

APPLICANT: Godiska, Ronald

TITLE OF INVENTION: No. 5,575,9804el Seven Transmembrane Receptors

NUMBER OF SEQUENCES: 64

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &amp;

STREET: Bicknell

CITY: Chicago

STATE: Illinois

ZIP: 60606

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/153,848

FILING DATE:

5/14

CLASSIFICATION:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 07/977,452

FILING DATE: 17-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: No. 5759804and, Greta E.

REGISTRATION NUMBER: 35,302

REFERENCE/DOCKET NUMBER: 31794

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 474-6300

TELEFAX: (312) 474-0448

TELEX: 25-8856

SEQUENCE FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 358 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-153-848-19

Query Match

Best Local Similarity 42.1%; Score 780.5; DB 1; Length 358;

Batches 153; Conservative 77; Mismatches 104; Indels 23; Gaps 6;

Query 1 MADDDYGSSESSSMSMEDVYNNFNTDPYCEKRNTRQFASHRFLPPLWLYVPIVGALGNSLVLY

Db 8 VTDYDYGDNIT----VDTYLPESLCSKKDKVRNFKAFLPIMYSITCFVGGLGVLVLT 60

Query 61 YWYCICRKVKTMDMFLNLLADLFLVTPFWAIAADQKQFOTFMCKVUNSMYKNNYS 120

Db 63 YIYFKRLKTMDDTYLNLAVADLFLVTPFWAIAAKSFWVFGTHFKLIFAIYKMSFPS 122

Query 121 CULLIMCISVDRYIAIAQAMRAHTWRERKRLLYSKRNCVFTTWLAAACPEIILYQIKE 180

Db 123 GMLLICISIDRVAIQAVSAHRPARVLLSKLUSCVGIVIILATVLSPELLYSDLORS 182

Query 181 SG--IAICTMVPDSBESTKLSKAVLTKV--IIGFLPLFWVMACCYTIIHTLIOAKS 235

Db 183 SSEQAMRCSSLI-----TEHVEAFITQIAQMVIGFLVPLAMSFCLVILVRLQARNF 236

Query 236 SKHKKLKVITVLTFLVPSOFPNCILUQITDAYAMFISNCAVSTNDICFOVTOIAF 295

Db 237 ERNKAIVVIAVUVUVFIVFOLPYNGWVWLAQTVANENITSSTCBLSKQNTIAVOTYSLAC 296

Query 296 FHSCLANPVLVVFVGERFRRLDVKTKNLGCGISO--AOWNSFTREGSISLSSNLL 349

Db 297 WRCCTNPLXPALFIGKFRDLPKLPDKQSLQSBOLRQWSSCRH---IRRSSMSVE 349

RESULT 3

US-09-259-843A-19

Sequence 19, Application US/09299843A

Patent No. 6,107,75

GENERAL INFORMATION:

APPLICANT: Godiska, Ronald

TITLE OF INVENTION: No. 6,107,75el Seven Transmembrane Receptors

NUMBER OF SEQUENCES: 66

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &amp;

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60605

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/299, 843A

FILING DATE:

4/35

CLASSIFICATION:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 09/088, 337

FILING DATE: 01-JUN-1998

APPLICATION NUMBER: US 08/153, 848

FILING DATE: 17-NOV-1993

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 07/977, 452

FILING DATE: 17-NOV-1992

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TELEX:

SEQUENCE FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 358 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-299-843A-19

Query Match

Best Local Similarity 42.1%; Score 780.5; DB 3; Length 358;

Matches 153; Conservative 77; Mismatches 104; Indels 23; Gaps 6;

Query 1 MADDDYGSSESSSMSMEDVYNNFNTDPYCEKRNTRQFASHRFLPPLWLYVPIVGALGNSLVLY 60

Db 8 VTDYDYGDNIT----VDTYLPESLCSKKDKVRNFKAFLPIMYSITCFVGGLGVLVLT 62

Query 61 YWYCICRKVKTMDMFLNLLADLFLVTPFWAIAADQKQFOTFMCKVUNSMYKNNYS 120

Db 123 GMLLICISIDRVAIQAVSAHRPARVLLSKLUSCVGIVIILATVLSPELLYSDLORS 122

Query 181 SG--IAICTMVPDSBESTKLSKAVLTKV--IIGFLPLFWVMACCYTIIHTLIOAKS 235

Db 183 SSEQAMRCSSLI-----TEHVEAFITQIAQMVIGFLVPLAMSFCLVILVRLQARNF 236

Query 236 SKHKKLKVITVLTFLVPSOFPNCILUQITDAYAMFISNCAVSTNDICFOVTOIAF 295

Db 237 ERNKAIVVIAVUVUVFIVFOLPYNGWVWLAQTVANENITSSTCBLSKQNTIAVOTYSLAC 296

Query 296 FHSCLANPVLVVFVGERFRRLDVKTKNLGCGISO--AOWNSFTREGSISLSSNLL 349

Db 297 WRCCTNPLXPALFIGKFRDLPKLPDKQSLQSBOLRQWSSCRH---IRRSSMSVE 349